

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043729.D
 Acq On : 03 Jan 2024 12:43
 Operator : MA/JU
 Sample : 05952-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF91

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 04 03:54:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	252454	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	1012933	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.610	164	610737	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.439	188	729995	20.000	ng/ul	# 0.10
79) Chrysene-d12	21.615	240	1509778	20.000	ng/ul	# 0.09
88) Perylene-d12	24.044	264	1537566	20.000	ng/ul	# 0.11
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	16366	2.107	ng/uL	0.00
4) Pyridine-d5	3.834	84	231758m	10.367	ng/ul	0.05
7) Phenol-d5	7.151	99	519570	18.092	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	7.304	67	314876	17.312	ng/ul	0.00
11) 2-Chlorophenol-d4	7.498	132	415757	18.961	ng/ul	0.01
15) 4-Methylphenol-d8	8.698	113	400803	17.985	ng/ul	0.03
21) Nitrobenzene-d5	9.145	128	202953	20.709	ng/ul	0.02
24) 2-Nitrophenol-d4	9.863	143	231581	22.870	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.410	165	398635	22.301	ng/ul	0.03
31) 4-Chloroaniline-d4	10.957	131	4392	0.167	ng/ul	0.05
46) Dimethylphthalate-d6	14.027	166	1115735	20.294	ng/ul	0.01
49) Acenaphthylene-d8	14.304	160	1410893	21.633	ng/ul	0.02
54) 4-Nitrophenol-d4	14.868	143	139198m	13.377	ng/ul	0.08
60) Fluorene-d10	15.604	176	1041650	22.912	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.745	200	79769	16.522	ng/ul	0.04
73) Anthracene-d10	17.533	188	1046028	25.550	ng/ul	0.09
81) Pyrene-d10	19.850	212	539176m	4.523	ng/ul	0.12
92) Benzo(a)pyrene-d12	23.880	264	2132668	22.477	ng/ul	0.11
Target Compounds						
6) Benzaldehyde	7.116	77	18929	1.390	ng/ul#	57
16) Acetophenone	8.804	105	58790	1.723	ng/ul	96
41) 2,4,6-Trichlorophenol	13.057	196	13667	1.033	ng/ul	93
50) Acenaphthylene	14.333	152	298007	3.979	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.251	232	5715160m	531.123	ng/ul	
71) Pentachlorophenol	17.045	266	40361032m	6738.066	ng/ul	
74) Anthracene	17.568	178	3330364	66.697	ng/ul#	65
82) Pyrene	19.886	202	5242040	34.545	ng/ul#	90
83) Butylbenzylphthalate	20.745	149	649111	9.894	ng/ul#	88
85) Benzo(a)anthracene	21.597	228	690032	5.466	ng/ul#	21
86) Bis(2-ethylhexyl)phtha...	21.497	149	11977497	128.234	ng/ul#	89
87) Chrysene	21.627	228	3026959	26.652	ng/ul#	76
90) Benzo(b)fluoranthene	23.291	252	786493m	6.675	ng/ul	
91) Benzo(k)fluoranthene	23.321	252	277645m	2.416	ng/ul	
93) Benzo(a)pyrene	24.009	252	485831	4.519	ng/ul#	83
94) Indeno(1,2,3-cd)pyrene	26.638	276	144468m	1.125	ng/ul	
96) Benzo(g,h,i)perylene	27.409	276	335361m	3.333	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

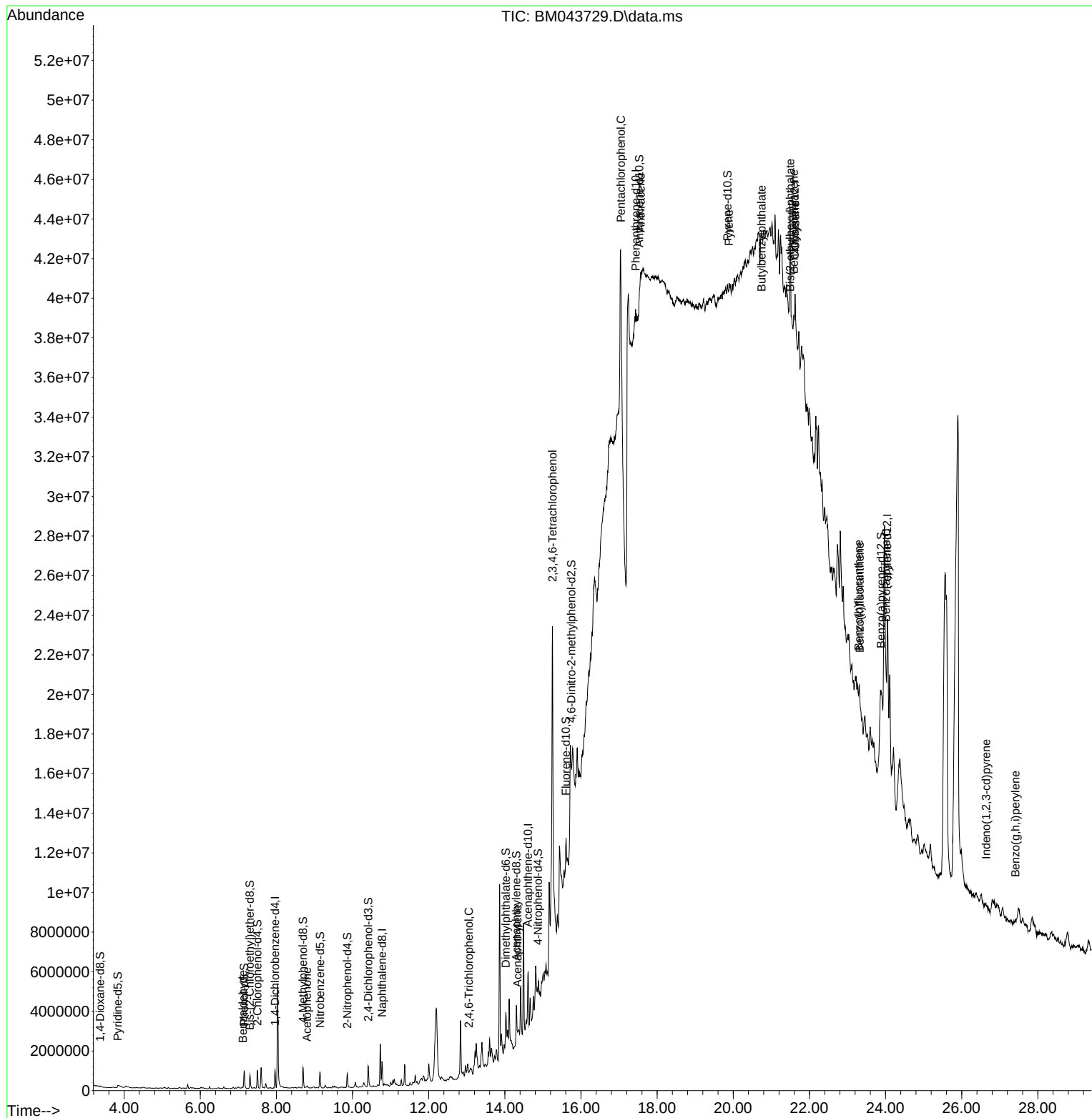
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043729.D
Acq On : 03 Jan 2024 12:43
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ALS Vial : 43 Sample Multiplier: 1

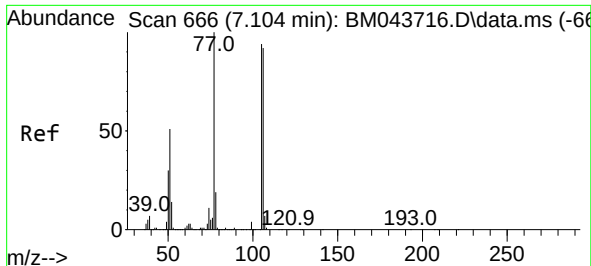
Instrument :
BNA_M
ClientSampleId :
GCF91

Quant Time: Jan 04 03:54:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
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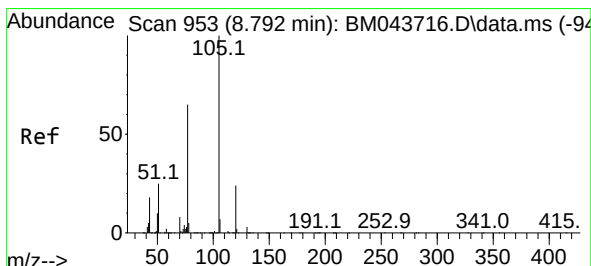
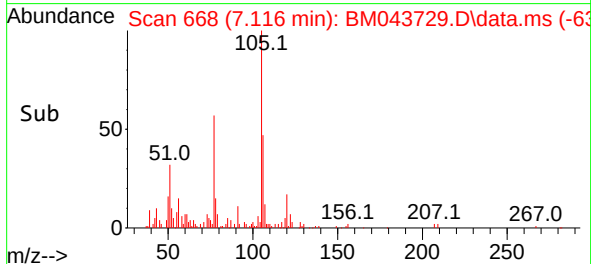
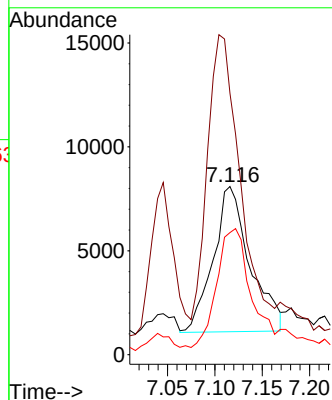
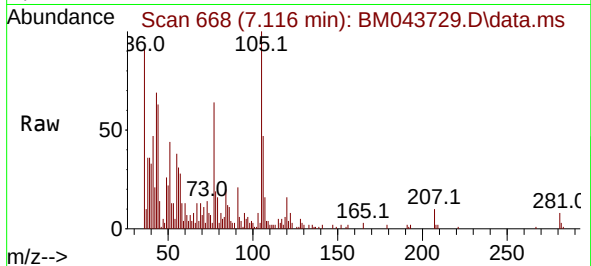
#6
Benzaldehyde
Concen: 1.390 ng/ul
RT: 7.116 min Scan# 608
Delta R.T. 0.012 min
Lab File: BM043729.D
Acq: 03 Jan 2024 12:43

Instrument :
BNA_M
ClientSampleId :
GCF91

Tgt Ion: 77 Resp: 18929
Ion Ratio Lower Upper
77 100
105 155.4 73.4 110.0
106 72.5 71.4 107.0

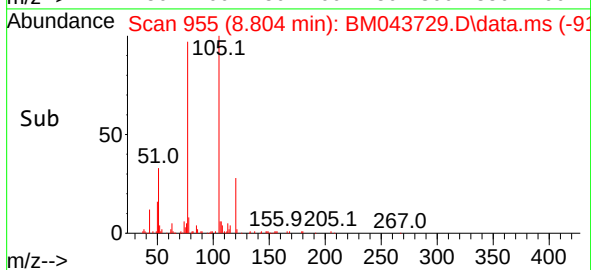
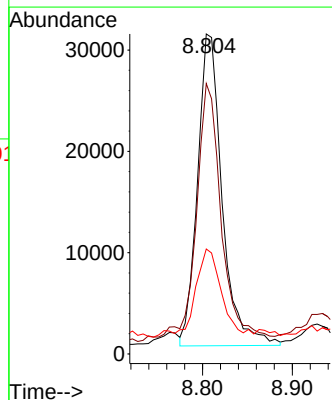
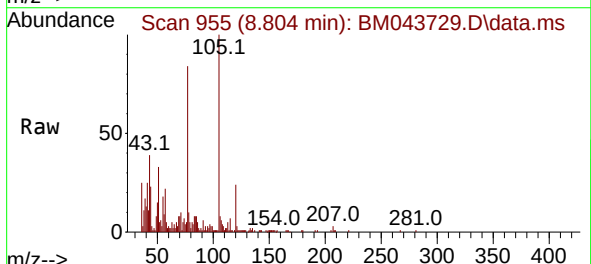
Manual Integrations
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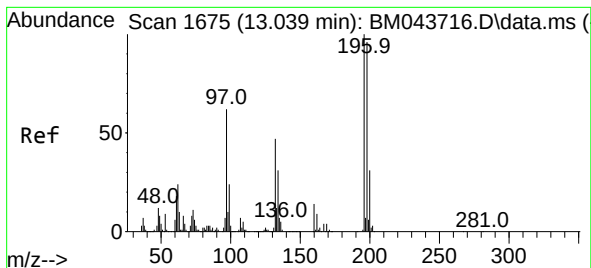
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#16
Acetophenone
Concen: 1.723 ng/ul
RT: 8.804 min Scan# 955
Delta R.T. 0.012 min
Lab File: BM043729.D
Acq: 03 Jan 2024 12:43

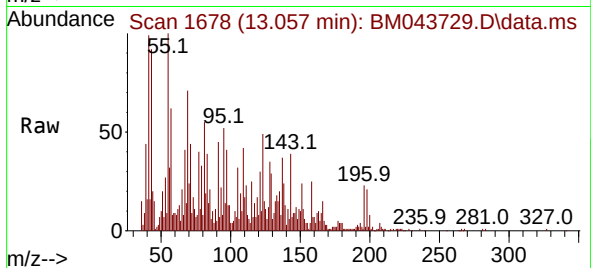
Tgt Ion:105 Resp: 58790
Ion Ratio Lower Upper
105 100
77 84.5 65.1 97.7
51 32.8 24.3 36.5





#41
2,4,6-Trichlorophenol
Concen: 1.033 ng/ul
RT: 13.057 min Scan# 1
Delta R.T. 0.029 min
Lab File: BM043729.D
Acq: 03 Jan 2024 12:43

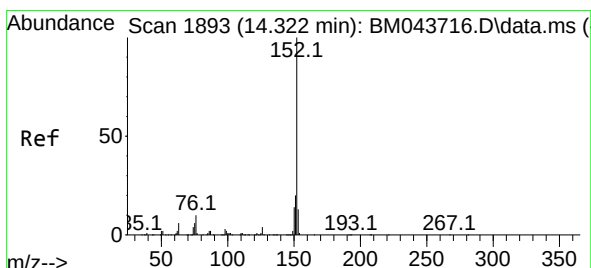
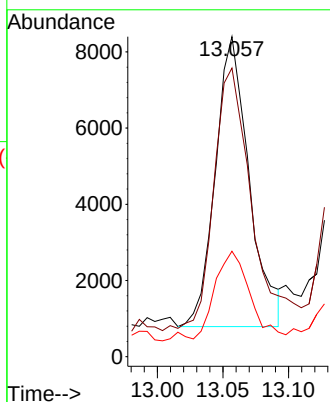
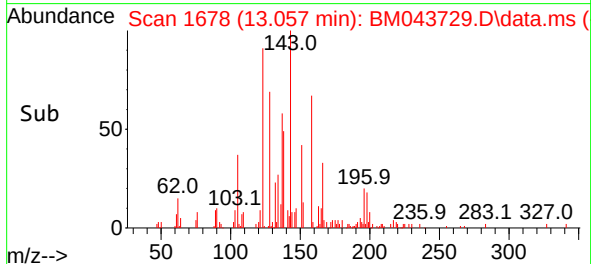
Instrument :
BNA_M
ClientSampleId :
GCF91



Tgt Ion:196 Resp: 1366
Ion Ratio Lower Upper
196 100
198 90.2 78.3 117.5
200 33.0 25.1 37.7

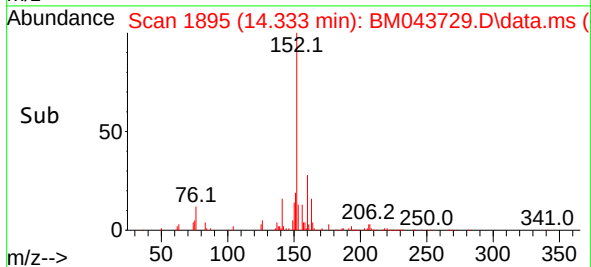
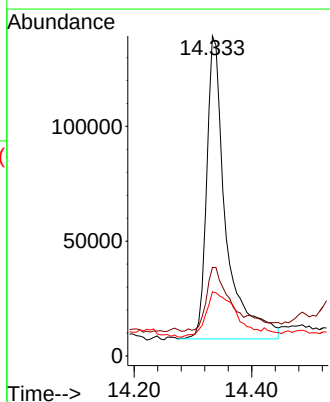
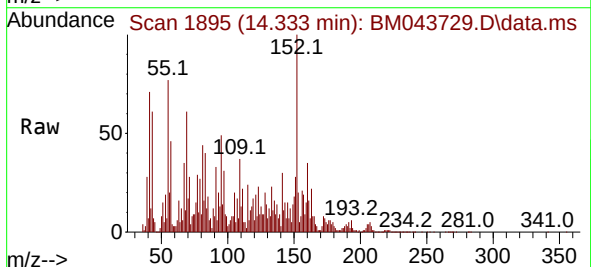
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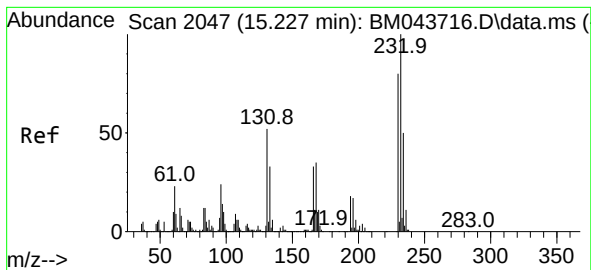
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#50
Acenaphthylene
Concen: 3.979 ng/ul
RT: 14.333 min Scan# 1895
Delta R.T. 0.017 min
Lab File: BM043729.D
Acq: 03 Jan 2024 12:43

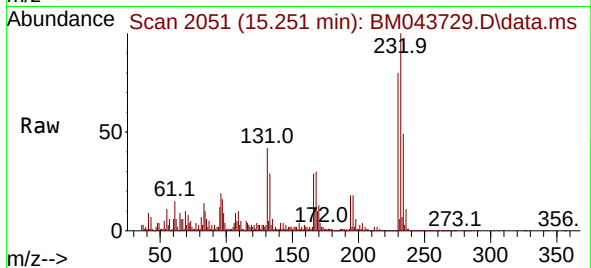
Tgt Ion:152 Resp: 298007
Ion Ratio Lower Upper
152 100
151 27.7 15.6 23.4#
153 20.1 10.2 15.4#





#58
2,3,4,6-Tetrachlorophenol
Concen: 531.123 ng/ul m
RT: 15.251 min Scan# 2051
Delta R.T. 0.035 min
Lab File: BM043729.D
Acq: 03 Jan 2024 12:43

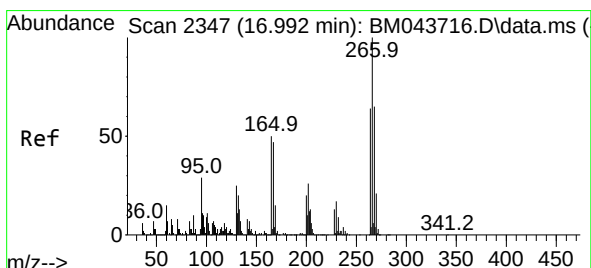
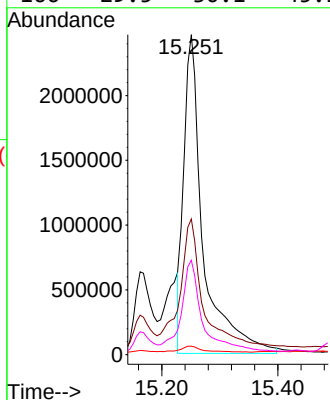
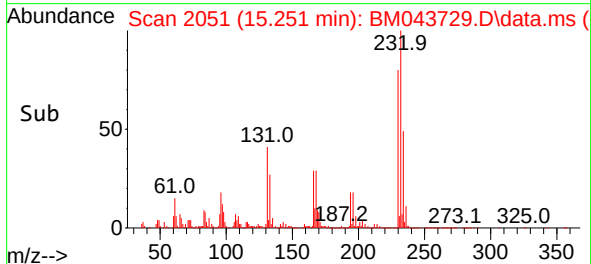
Instrument :
BNA_M
ClientSampleId :
GCF91



Tgt Ion:232 Resp: 5715160
Ion Ratio Lower Upper
232 100
131 42.4 47.4 71.0
130 2.6 2.4 3.6
166 29.5 30.1 45.1#

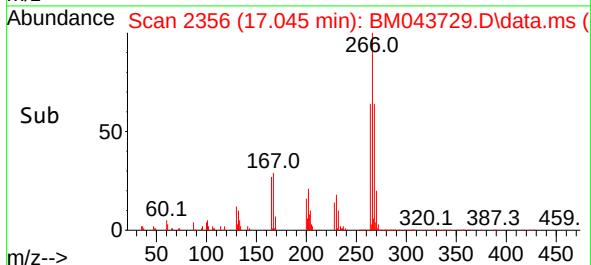
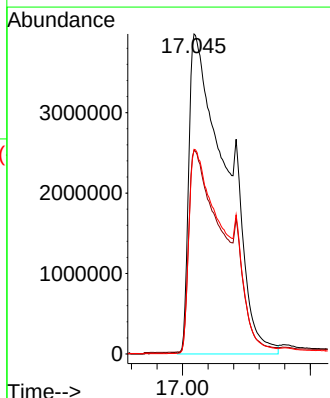
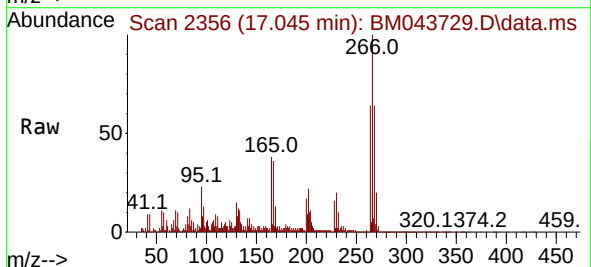
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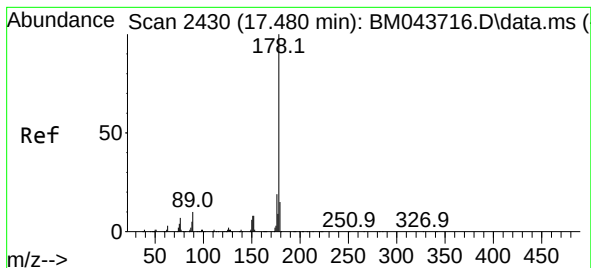
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#71
Pentachlorophenol
Concen: 6738.066 ng/ul m
RT: 17.045 min Scan# 2356
Delta R.T. 0.065 min
Lab File: BM043729.D
Acq: 03 Jan 2024 12:43

Tgt Ion:266 Resp:40361032
Ion Ratio Lower Upper
266 100
264 63.6 49.9 74.9
268 63.9 51.0 76.6





#74

Anthracene

Concen: 66.697 ng/u1

RT: 17.568 min Scan# 2430

Delta R.T. 0.094 min

Lab File: BM043729.D

Acq: 03 Jan 2024 12:43

Instrument :

BNA_M

ClientSampleId :

GCF91

Tgt Ion:178 Resp: 3330364

Ion Ratio Lower Upper

178 100

179 42.3 12.4 18.6

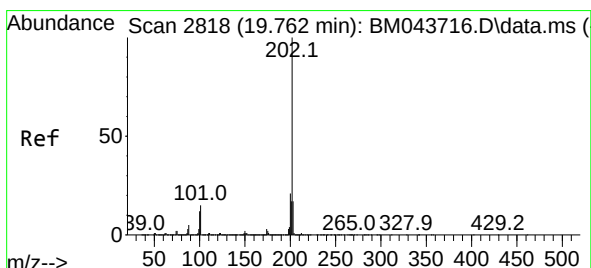
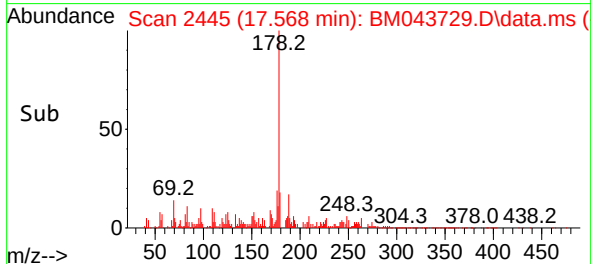
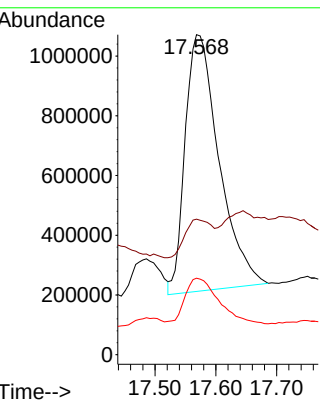
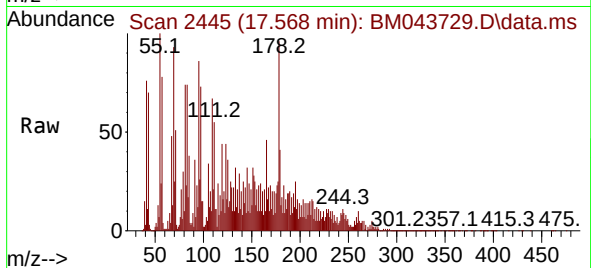
176 23.9 15.2 22.8

Manual Integrations

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#82

Pyrene

Concen: 34.545 ng/u1

RT: 19.886 min Scan# 2839

Delta R.T. 0.129 min

Lab File: BM043729.D

Acq: 03 Jan 2024 12:43

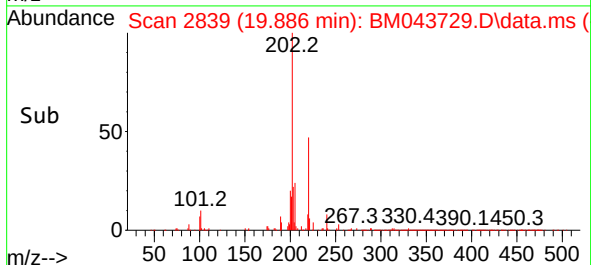
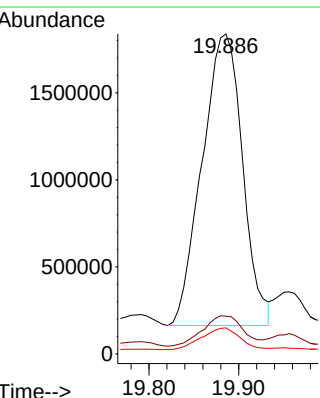
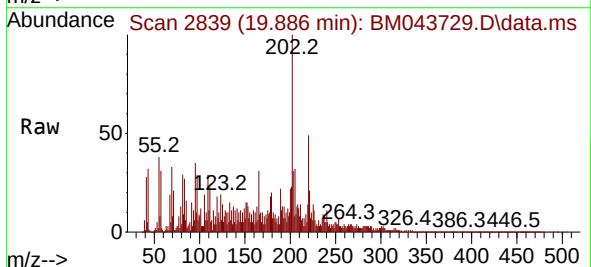
Tgt Ion:202 Resp: 5242040

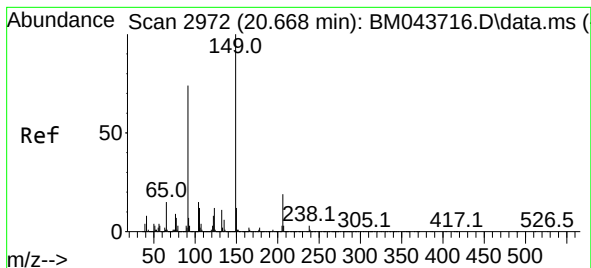
Ion Ratio Lower Upper

202 100

101 11.8 12.7 19.1#

100 8.2 10.1 15.1#





#83

Butylbenzylphthalate

Concen: 9.894 ng/ul

RT: 20.745 min Scan# 20

Delta R.T. 0.076 min

Lab File: BM043729.D

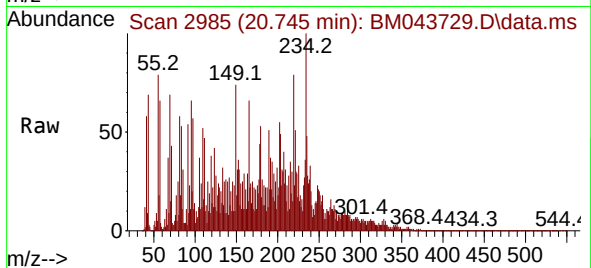
Acq: 03 Jan 2024 12:43

Instrument :

BNA_M

ClientSampleId :

GCF91



Tgt Ion:149 Resp: 64911

Ion Ratio Lower Upper

149 100

91 72.9 60.5 90.7

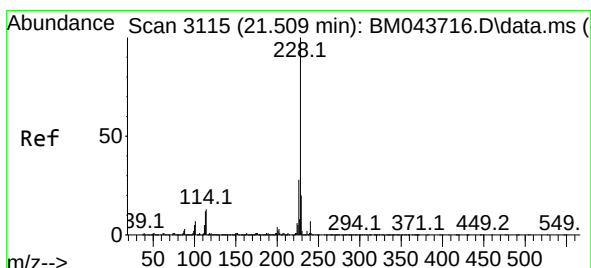
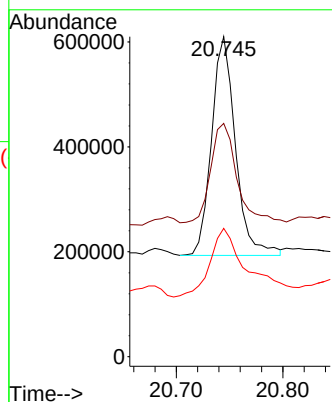
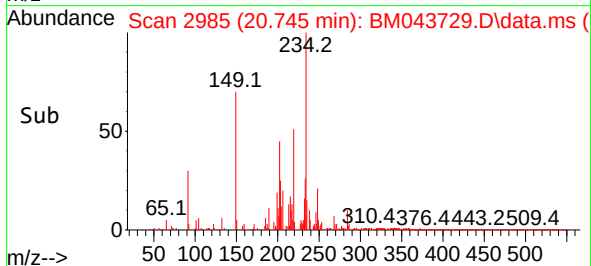
206 40.1 13.9 20.9

Manual Integrations

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Supervised By :mohammad ahmed 01/05/2024



#85

Benzo(a)anthracene

Concen: 5.466 ng/ul

RT: 21.597 min Scan# 3130

Delta R.T. 0.094 min

Lab File: BM043729.D

Acq: 03 Jan 2024 12:43

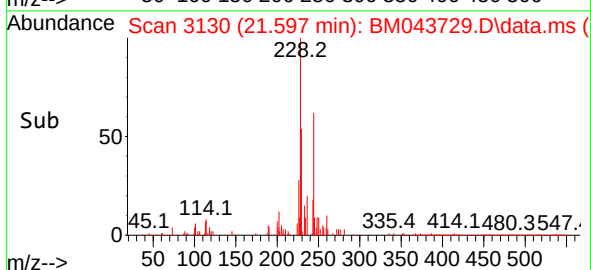
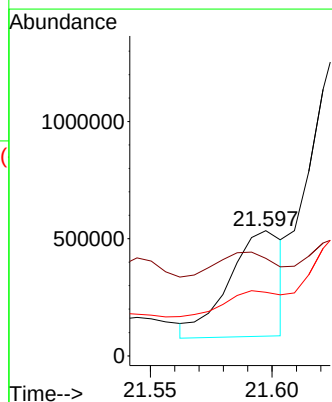
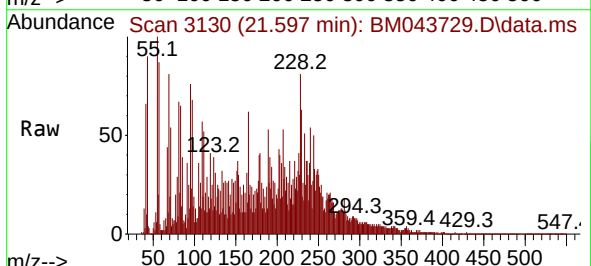
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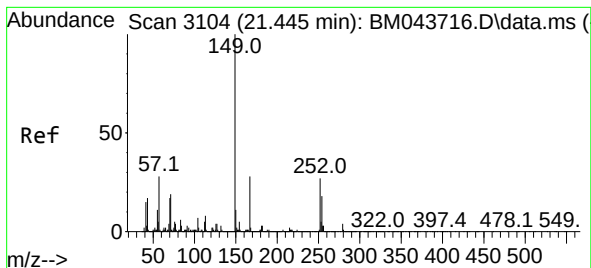
Ion Ratio Lower Upper

228 100

229 78.0 15.6 23.4#

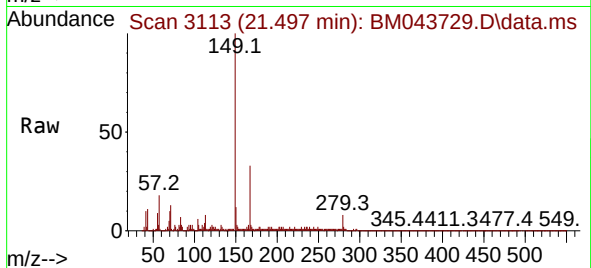
226 50.9 22.2 33.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 128.234 ng/ul
RT: 21.497 min Scan# 3113
Delta R.T. 0.053 min
Lab File: BM043729.D
Acq: 03 Jan 2024 12:43

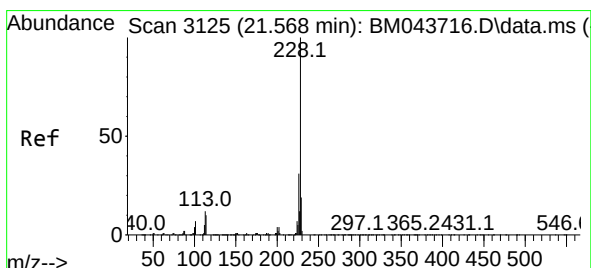
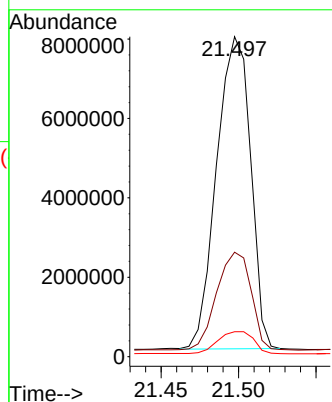
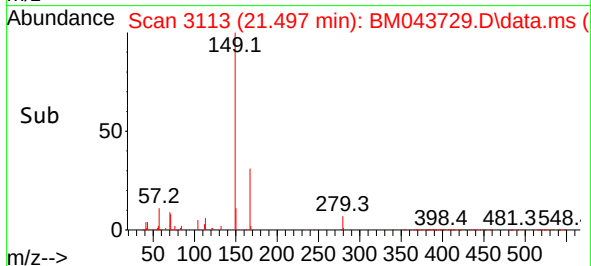
Instrument :
BNA_M
ClientSampleId :
GCF91



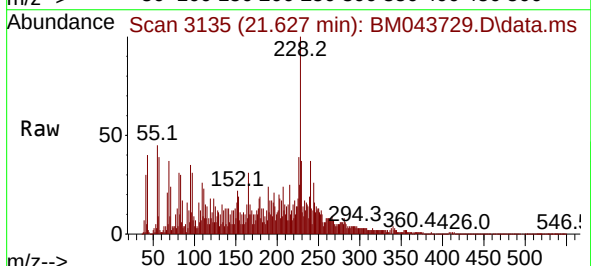
Tgt Ion:149 Resp:1197749
Ion Ratio Lower Upper
149 100
167 32.7 21.6 32.4
279 7.8 2.8 4.2

Manual Integrations
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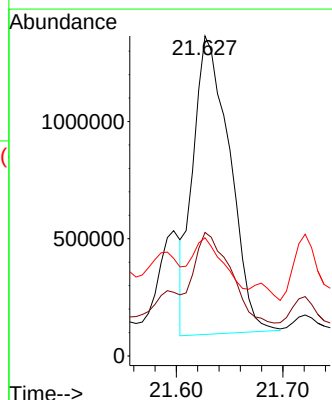
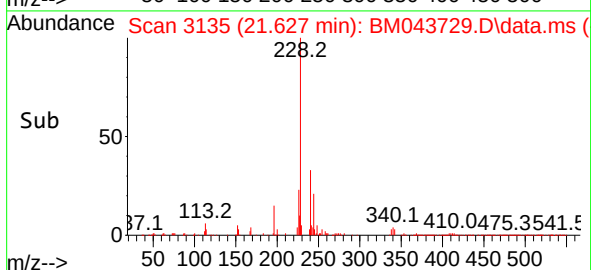
Reviewed By :Yogesh Patel 01/04/2024
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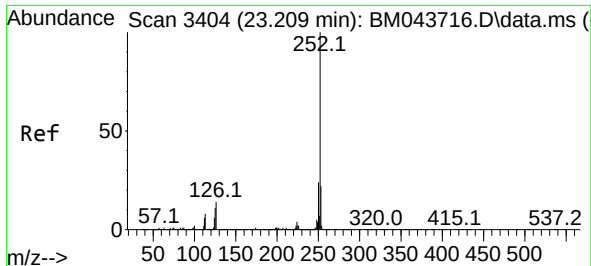


#87
Chrysene
Concen: 26.652 ng/ul
RT: 21.627 min Scan# 3135
Delta R.T. 0.070 min
Lab File: BM043729.D
Acq: 03 Jan 2024 12:43



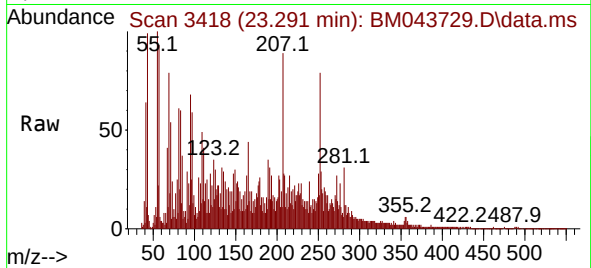
Tgt Ion:228 Resp: 3026959
Ion Ratio Lower Upper
228 100
226 38.6 24.2 36.2#
229 36.9 15.9 23.9#





#90
Benzo(b)fluoranthene
Concen: 6.675 ng/ul m
RT: 23.291 min Scan# 3404
Delta R.T. 0.094 min
Lab File: BM043729.D
Acq: 03 Jan 2024 12:43

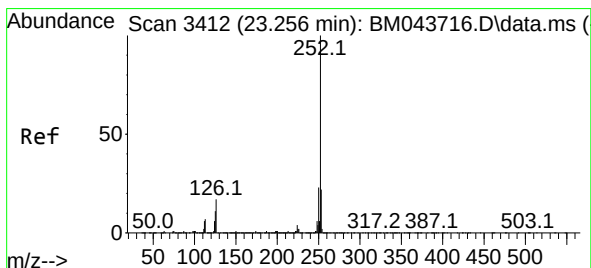
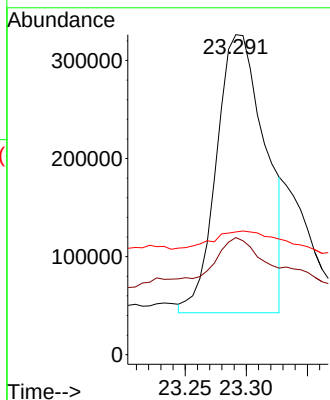
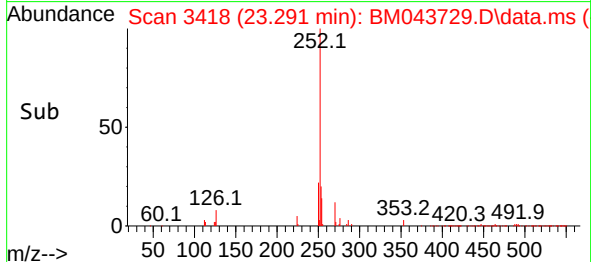
Instrument :
BNA_M
ClientSampleId :
GCF91



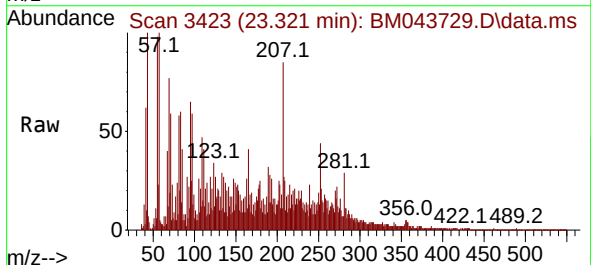
Tgt Ion:252 Resp: 78649
Ion Ratio Lower Upper
252 100
253 36.6 17.4 26.2
125 38.4 10.4 15.6

Manual Integrations
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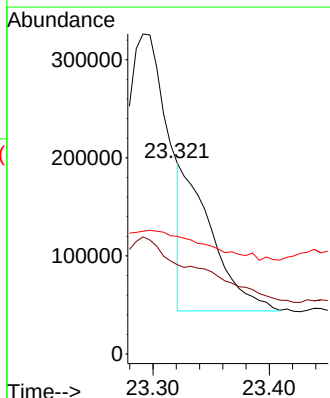
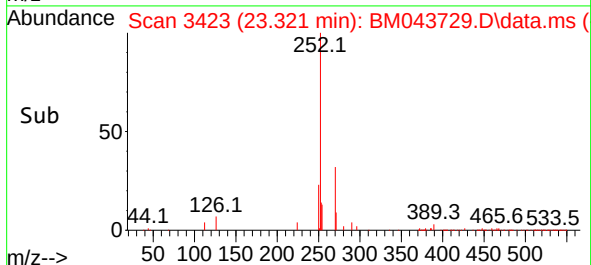
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

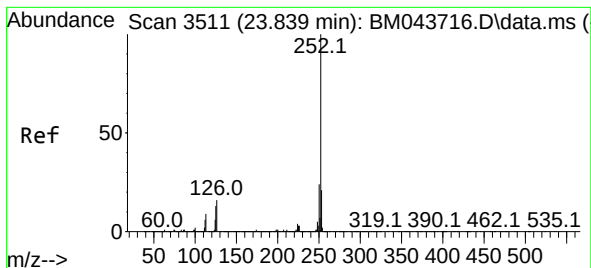


#91
Benzo(k)fluoranthene
Concen: 2.416 ng/ul m
RT: 23.321 min Scan# 3423
Delta R.T. 0.076 min
Lab File: BM043729.D
Acq: 03 Jan 2024 12:43



Tgt Ion:252 Resp: 277645
Ion Ratio Lower Upper
252 100
253 46.8 17.5 26.3#
125 61.6 10.2 15.4#





#93

Benzo(a)pyrene

Concen: 4.519 ng/ul

RT: 24.009 min Scan# 3511

Delta R.T. 0.188 min

Lab File: BM043729.D

Acq: 03 Jan 2024 12:43

Instrument :

BNA_M

ClientSampleId :

GCF91

Tgt Ion:252 Resp: 48583

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

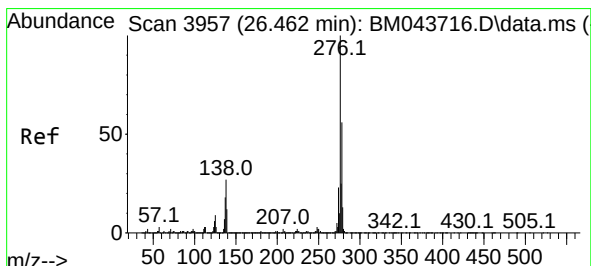
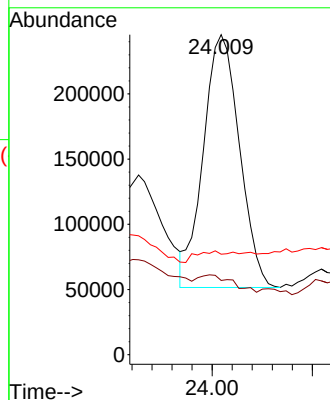
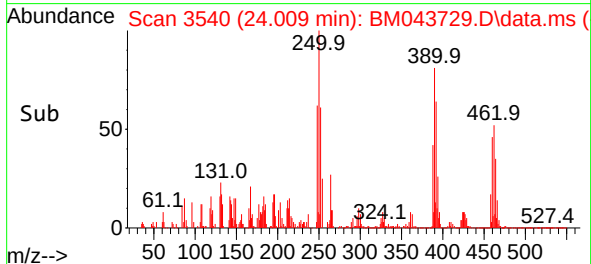
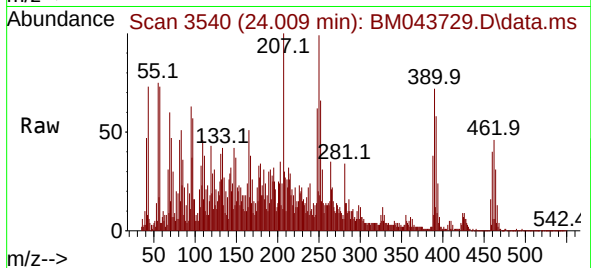
125 31.4 11.4 17.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/05/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.125 ng/ul m

RT: 26.638 min Scan# 3987

Delta R.T. 0.200 min

Lab File: BM043729.D

Acq: 03 Jan 2024 12:43

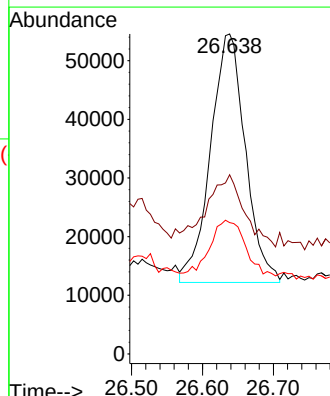
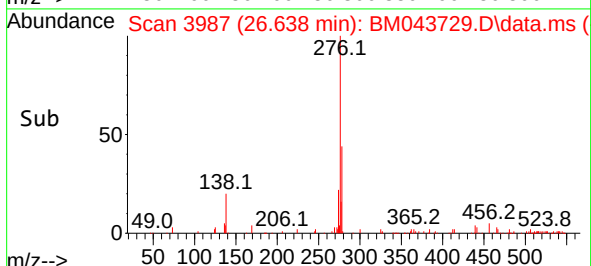
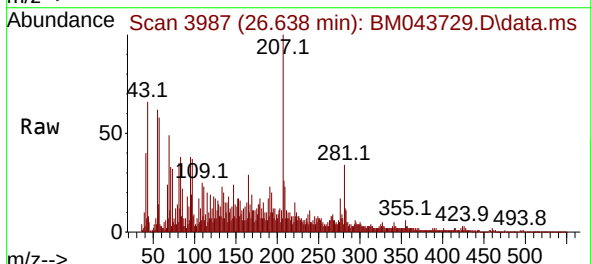
Tgt Ion:276 Resp: 144468

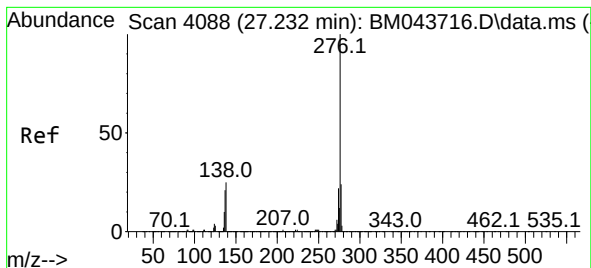
Ion Ratio Lower Upper

276 100

138 56.0 22.6 34.0#

277 41.1 19.7 29.5#





#96

Benzo(g,h,i)perylene

Concen: 3.333 ng/ul m

RT: 27.409 min Scan# 4118

Delta R.T. 0.200 min

Lab File: BM043729.D

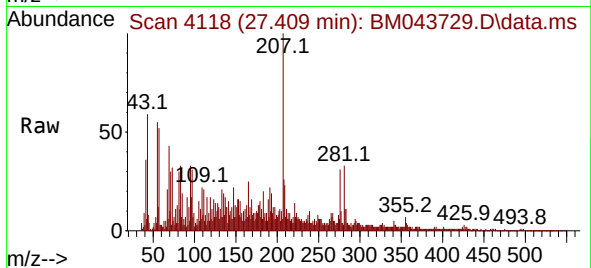
Acq: 03 Jan 2024 12:43

Instrument :

BNA_M

ClientSampleId :

GCF91



Tgt Ion: 276 Resp: 33536

Ion Ratio Lower Upper

276 100

138 39.0 22.4 33.6

277 32.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/05/2024

